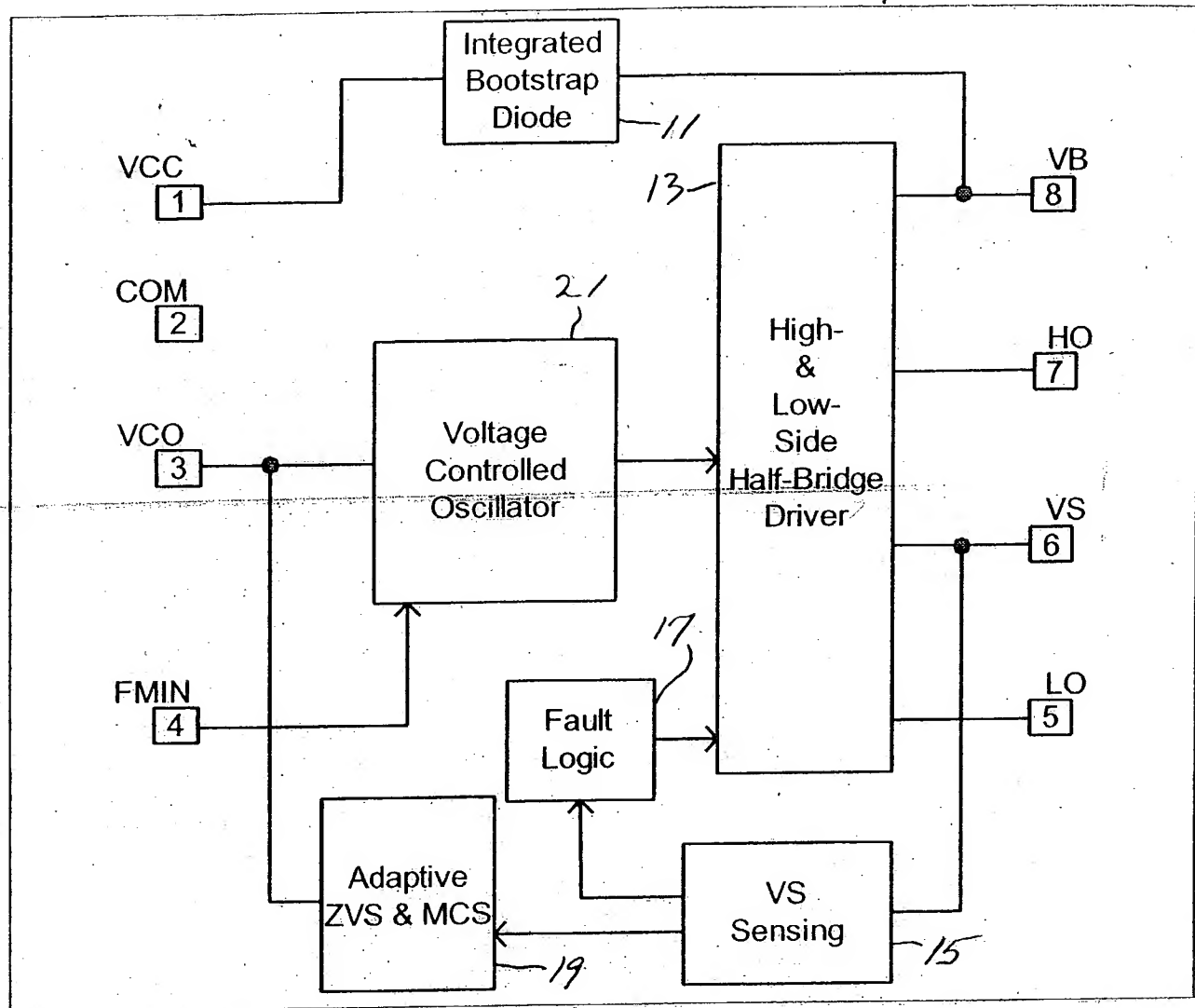


FIG. 1

100



Pin Assignments		Pin #	Symbol	Description
VCC	1	1	VCC	Supply Voltage
COM	2	2	COM	IC Power & Signal Ground
VCO	3	3	VCO	Voltage controlled oscillator input
FMIN	4	4	FMIN	Minimum frequency setting
		5	LO	Low-Side Gate Driver Output
		6	VS	High-Side Floating Return
		7	HO	High-Side Gate Driver Output
		8	VB	High-Side Gate Driver Floating Supply

FIG. 2

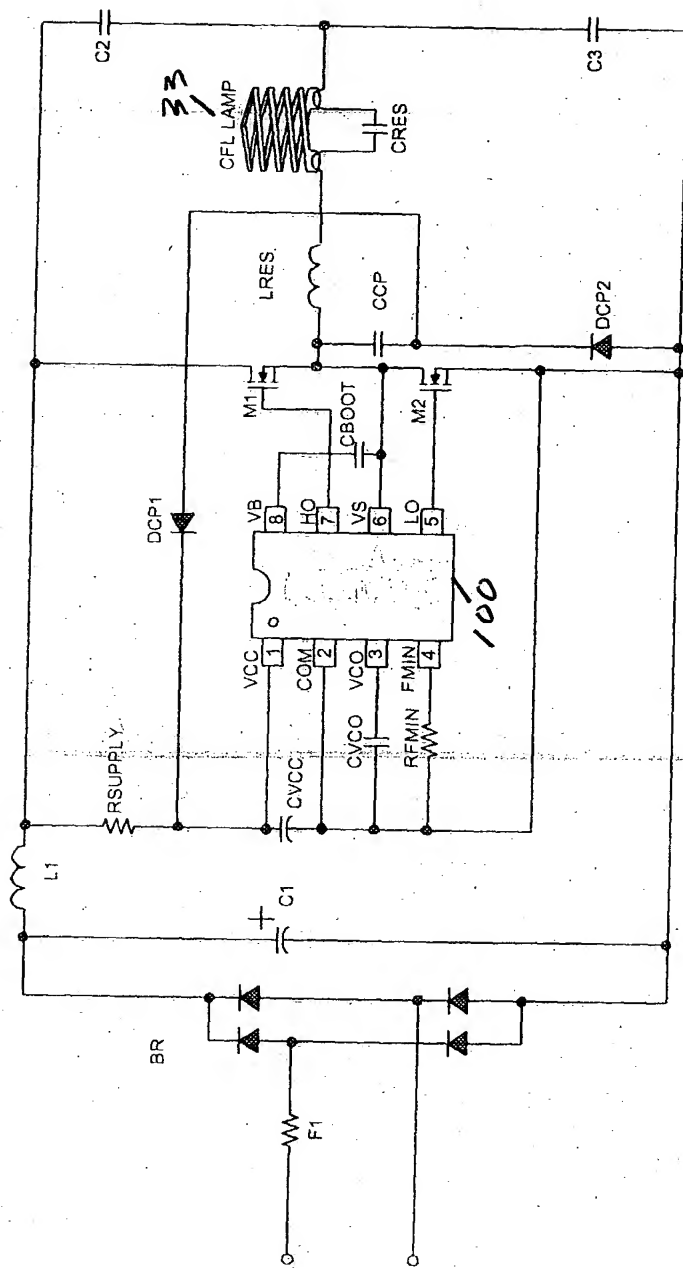


Fig. 3

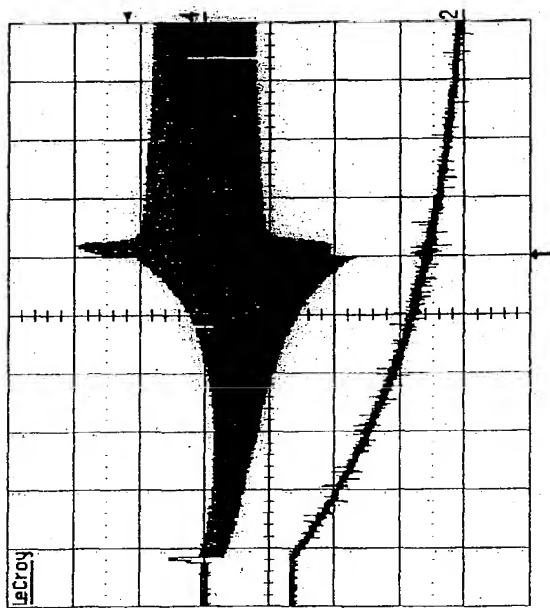


Fig. 4

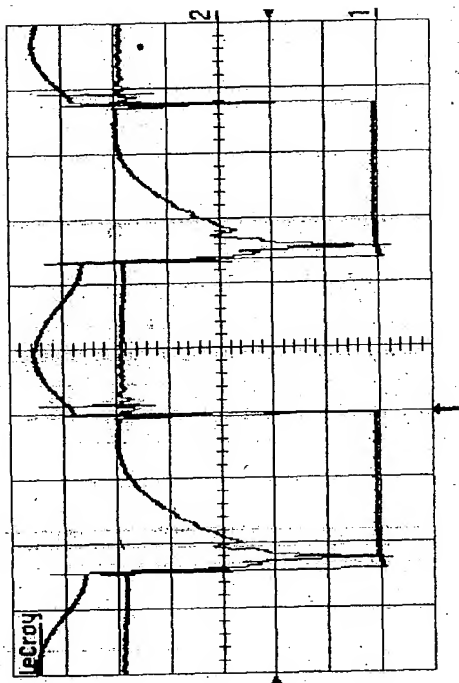


Fig. 5

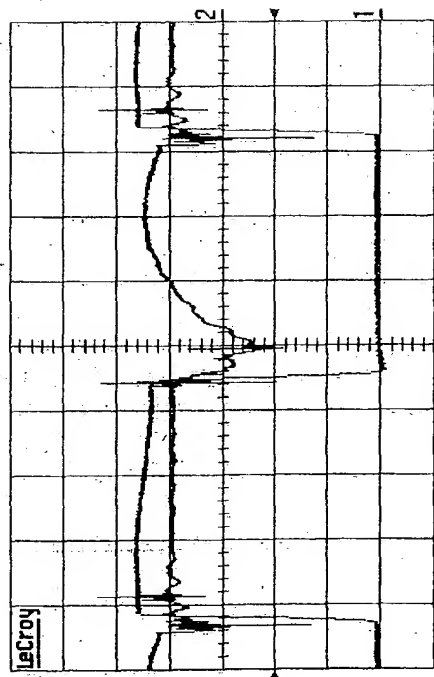


Fig. 6

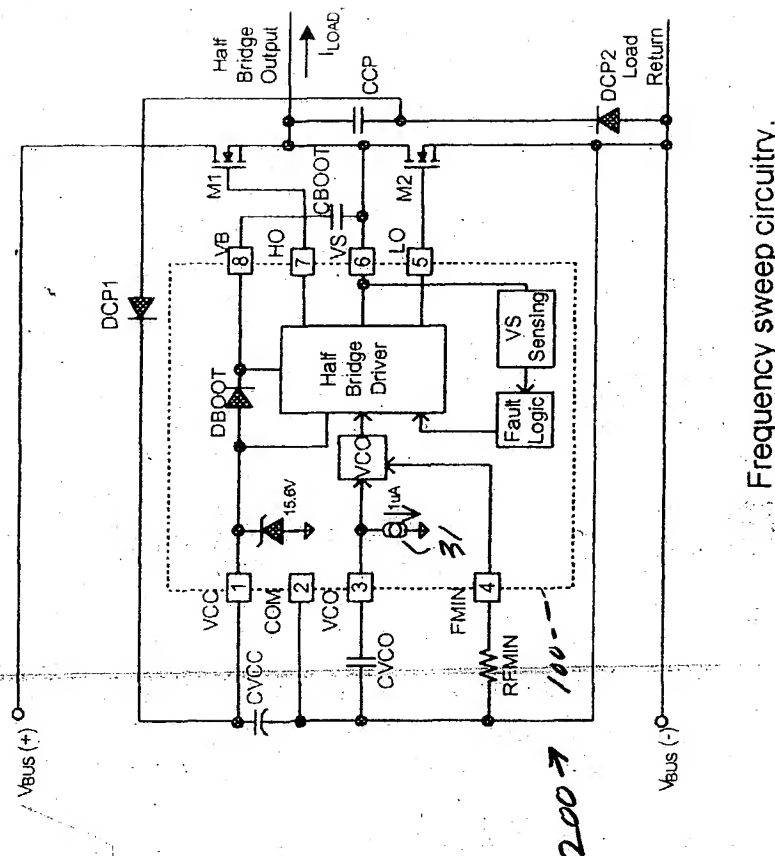
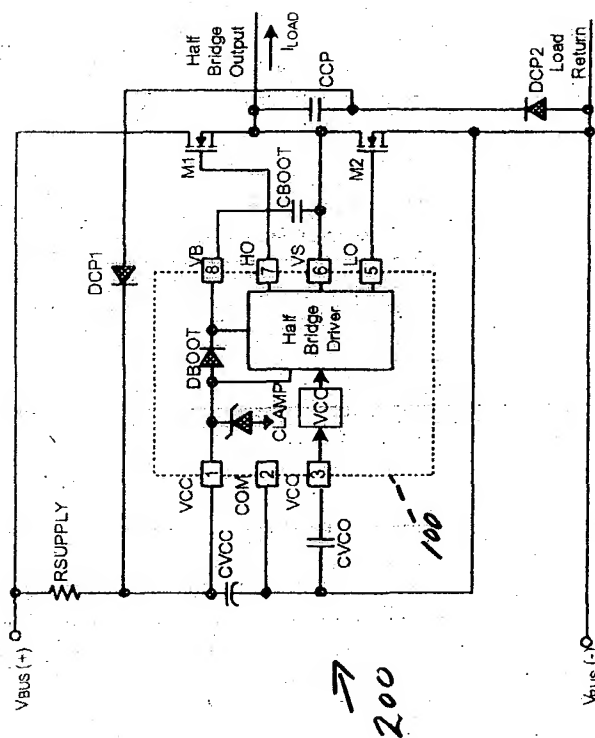
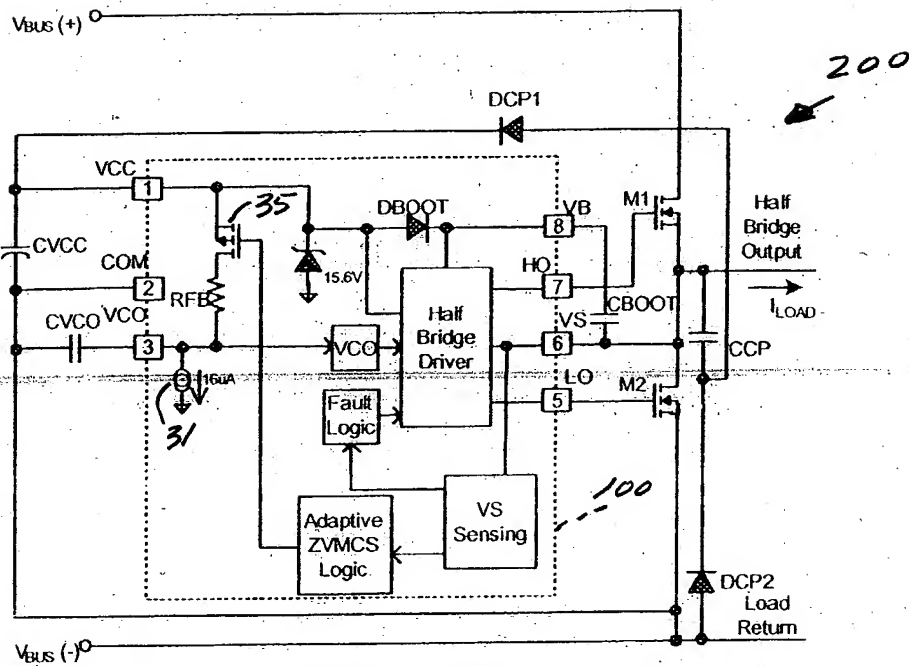


Fig. 8





Adaptive ZVMCS Circuitry.

FIG. 9

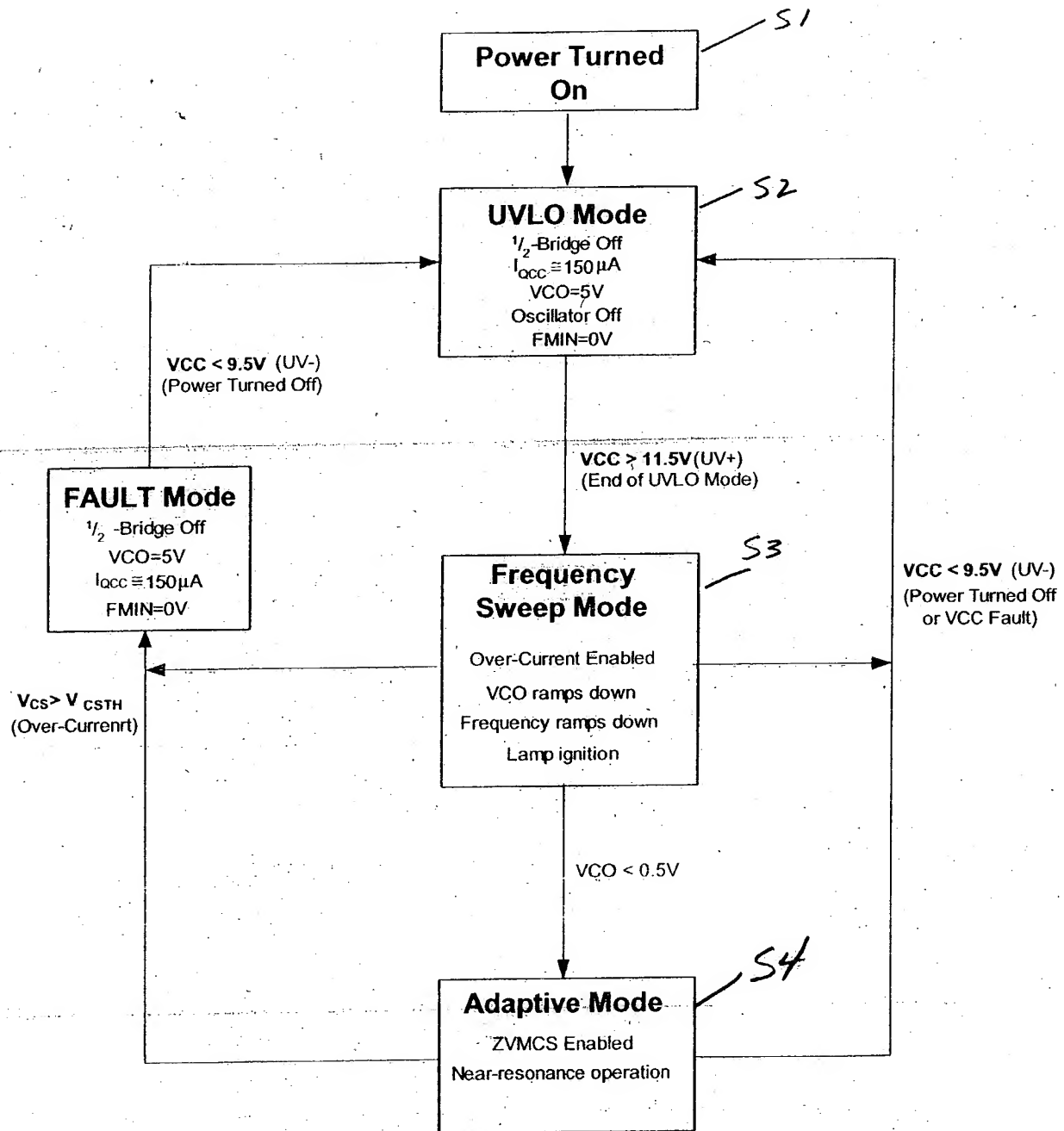


FIG. 10